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Technical Data Sheet

Synterra® BF 1505 – Foam Grade

Physical property	Test method	Unit	Specification
Appearance			Round pellets
Colour			Off white (crystallized)
MFI (190°C / 2.16 kg)	ISO 1133	g/10min	7 - 15
Polymer Density	ISO 1183	g/cm^3	1.25
Moisture Content		ppm	< 400
Residual Monomer		%	< 0.5
D-Isomer		%	4.5 - 5.5
Melting Temperature	DSC: ISO 11357	°C	150
Glass Transition	DSC: ISO 11357	°C	55-60
Processing			
Temperature profile in the screw		°C	90-130-160-160-170-170-180-180
Screw speed		rpm	175

Drying of Synterra® BF 1505 is recommended prior to processing at a temperature of 80-100°C for 4-6 hours using dehumidified air with a dew point of -40°C

Note: Information contained in this data-sheet is given in good faith and is accurate to the best of the knowledge and belief of Synbra Technology bv (The Company). The properties of plastics set out herein are typical values and do not constitute a specification. It is at all times the responsibility of the customer to ensure that materials supplied by The Company are suitable for the purpose for which they are intended. The Company accepts no liability whatsoever arising out of the use of the information herein contained or the use, application, adaption or processing of the products herein described.